

The unimportance of certain characters formerly relied upon for determination of species was pointed out. Such characters are : accessory cusps on any of the unci ; length of external cones ; length of base supporting uncus ; number of true externals ; elongation of radula.

In the above-mentioned species the radula is in each case characteristic ; though the determination is more difficult in the pairs of species *Limax maximus* and *L. cinereo-niger*, *Agriolimax agrestis* and *A. lævis*, *Milax sowerbyi* and *M. gagates*. In these cases, however, it is believed that the distinguishing characters given, derived from careful and continued examination of a large number of specimens, will hold good. But the point of view is adopted that the use of radula study is to establish relationship rather than distinctions.

The paper was illustrated by a series of eighty-eight photographs.

2. "On the Hectocotylus of *Todaropsis*." By R. Winkworth, F.R.G.S.

While in Plymouth last January the author was fortunate in procuring a male and female of *Todaropsis eblanæ*, Ball, the "Newfoundland sleeve" of Channel fishermen. Since no hectocotylus of the Oigopsida has previously been noted in English works, it is worth recording that the fourth right arm is modified throughout its whole length, the suckers being replaced by papillæ, which are large and alternate on the basal part and form a linear series along the distal two-thirds of the arm. The fourth left arm is also modified, but for the proximal third only. Drawings and specimen were exhibited.

3. "Concerning *Edentellina*." By Chas. Hedley, F.L.S.

On the motion of Mr. Kennard, seconded by Mr. Tomlin, a unanimous vote of congratulation to Mr. R. Bullen Newton (who is retiring from the staff of the British Museum) on his completion of fifty-two years' association with geological science was passed.

An obituary notice of the late R. Etheridge, jun., was read by Mr. R. Bullen Newton. The announcement of Mr. Etheridge's death was received with regret by the Society.

ORDINARY MEETING.

FRIDAY, 14TH MAY, 1920.

G. K. GUDE, F.Z.S., President, in the Chair.

The following communications were read :—

1. "Nomenclatorial Notes relating to British Non-Marine Mollusca." By A. S. Kennard, F.G.S., and B. B. Woodward, F.L.S., etc.

2. "New Mollusca from Port Alfred." By G. B. Sowerby, F.L.S.

3. "On the Anatomy of two species of *Helicarion* from Tropical Africa." By Hugh Watson, M.A.

Mr. H. W. J. Biggs exhibited some very fine examples of *Limnæa pereger*, var. *ovata*, Drap., taken from the New River.

ORDINARY MEETING.

FRIDAY, 11TH JUNE, 1920.

G. K. GUDE, F.Z.S., President, in the Chair.

Mr. G. W. Young was elected to membership of the Society.

The following communications were read:—

1. "Note on the Dates of Publication of Brown's Illustrations of British Conchology, 2nd edition." By A. Reynell.
2. "A few varieties of Port Alfred Shells." By G. B. Sowerby, F.L.S.
3. "Description of a new species of *Mitra* from South Africa." By the Rev. Dr. A. H. Cooke, M.A., F.Z.S.
4. "Note on *Marginella guttula*, Sow." By John Shirley, D.Sc.
5. "Preliminary Notice of Roy Bell's Molluscan Collections." By T. Iredale.

Mr. Roy Bell has been collecting at Sunday Island, Kermadec Group, since I left, and the major portion of this collection was reported upon by Mr. W. R. Oliver. Subsequently he made large collections at Norfolk Island and Lord Howe Island, securing almost hundreds of novelties, which I hope fully to account for later. He served in the War, and having his demobilization venue fixed at Melbourne offered to collect Chitons for me if required near that locality. I indicated two desirable points, Port Fairy, in Western Victoria, and Mallacoota, the eastern limit of Victoria. If additional time were available Twofold Bay in New South Wales was suggested as the southernmost point in that colony. He visited Port Fairy first, and securing a representative collection of Chitons, also made valuable collections of marine molluscs generally. He thus added to the known Chiton fauna of Victoria three species, and enlarged the range of some Adelaidean shells into Victoria. At Mallacoota he determined the limits of the Peronian Region, adding a couple more Chiton records to Victoria and definitely establishing the range of others. The influenza epidemic practically prevented his leaving Australia for New Zealand, his home, so he settled at Twofold Bay and made a very extensive collection of marine mollusca in that locality, dredging in shallow water in every part of the Bay. I am now engaged in working out this collection, which is the most valuable yet examined by any extra-limital worker. Many valuable results have been achieved, and the greatest thanks are due to the energy of Mr. Roy Bell, whose field work is complete and unsurpassable in every way.